

**Abstract**

A process for operating a packaging transport system in which objects packed in packaging which is bacteria-impermeable but gas-permeable are sterilized, whereafter the packaging, possibly after removal of some packaging parts, is sterilized again on its outer side in a sterilization chamber which acts as a transfer lock, and then guided into a sterile clean room. The objects involved may, in particular, be syringes having injecting needles, which are filled and sealed in a filling device located in the clean room. Sterilization in the sterilization chamber is accomplished by abruptly applying a vapor mix consisting of water steam and hydrogen peroxide vapor as a condensate layer on the outer side of the transport containers, and immediately removing the condensate layer and the uncondensed vapor mix from the sterilization chamber before any significant amount of hydrogen peroxide is deposited inside the transport containers.